

Iowa Crops & Weather



Iowa Agricultural Statistics
210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
To access NASS reports - <http://www.usda.gov/nass/>



Issued October 4, 2004

Vol. 04-31

For the week ending October 3, 2004

Rains Do Little To Slow Harvest

Agricultural Summary: Soybean harvest continued to advance with three districts, North Central, Northeast, and Central, harvesting over one-third of their soybean crops. Ten percent of the corn crop in the Southeast district was harvested last week. Some reports stated serious harvesting would begin this week with a few areas of the state still wet from recent rains. Other areas of the state report a need for rain to settle the dust.

There were 5.6 **days suitable for fieldwork** this week in Iowa. **Topsoil moisture** rated 8 percent very short, 24 percent short, 61 percent adequate, and 7 percent surplus. **Subsoil moisture** rated 8 percent very short, 24 percent short, 60 percent adequate, and 8 percent surplus.

Field Crops Report: Iowa's **corn acreage in mature stage** reached 85 percent this week, 7 days behind last year's pace of 95 percent mature, and 8 days behind the 5-year average of 96 percent. **Corn harvested for grain or seed** was 8 percent, 7 days behind last year's 15 percent harvested at this time and 9 days behind the 5-year average of 19 percent. The **average percent moisture of all field corn** was 27 percent, while the **average percent moisture of harvested field corn** was 22 percent. **Corn lodging** rated 60 percent none, 24 percent light, 13 percent moderate, and 3 percent heavy. **Corn ear droppage** rated 70 percent none, 25 percent light, and 4 percent moderate, and 1 percent none. **Corn condition** was rated 2 percent very poor, 5 percent poor, 18 percent fair, 49 percent good, and 26 percent excellent. The **soybean acreage dropping leaves** was 96 percent, compared with last year's 95 percent and the 5-year average of 91 percent. **Soybean acreage harvested** reached 49 percent, ahead of last year's 46 percent harvested at this time and of the 5-year average of 35 percent. **Soybeans lodging** rated 67 percent none, 25 percent light, 7 percent moderate, and 1 percent heavy. **Soybeans shattering** rated 63 percent none, 26 percent light, 10 percent moderate, and 1 percent heavy. **Soybean condition** was

rated 2 percent very poor, 6 percent poor, 20 percent fair, 52 percent good, and 20 percent excellent.

Livestock, Pasture, and Range Report: **Pasture and range condition** was rated 3 percent very poor, 11 percent poor, 31 percent fair, 44 percent good, and 11 percent excellent.

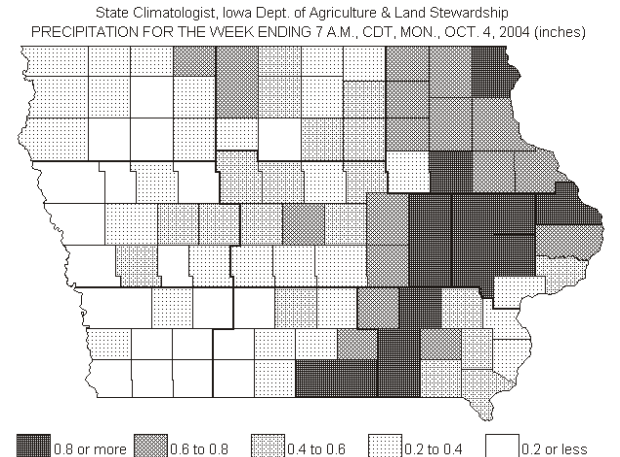
Iowa Weather Summary

The season's first freeze affected a small portion of Iowa on Wednesday (29th) morning with a 30 degree minimum reported at Mason City. Only 5 percent of the state, primarily in north central Iowa, recorded a freeze on the 29th although valley bottom locations as far south as the Missouri border also froze. A strong cold front swept through Iowa on Friday (1st) with nearly all of the state recording a freeze by Saturday (2nd) morning. Temperatures were generally in the mid to upper twenties over the northwest one-half of Iowa and in the low thirties across the southeast. Sioux City reported the lowest temperature with 24 degrees. Finally, another freeze affected portions of northern Iowa on Monday (4th) with Cresco reporting 28 degrees. This week's freezes occurred near the normal dates for first autumn freeze for about the northwest one-half of the state; although it was a harder first freeze than is typical for those areas. However, the Saturday freeze was a week to 10 days earlier than usual for much of the southeast one-third of Iowa. On the other extreme, temperatures reached into the 80's in some areas on Monday (27th) and Thursday (30th) with Red Oak recording 86 degrees on Monday. Temperatures for the week as a whole averaged 3.1 degrees below normal.

Dry weather prevailed in most areas except on Friday (1st) when showers and thunderstorms were widespread. Weekly rain totals varied from just a trace at Logan to 1.38 inches at North English (Iowa County). The statewide average precipitation was 0.46 inches or about two-thirds of the weekly normal of 0.66 inches.

Statewide Crop Conditions as of October 3, 2004					
Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	5	18	49	26
Range & Pasture	3	11	31	44	11
Soybeans	2	6	20	52	20

Statewide Harvesting Conditions as of October 3, 2004				
Item	None	Light	Moderate	Heavy
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn lodging	60	24	13	3
Corn ear droppage	70	25	4	1
Soybeans lodging	67	25	7	1
Soybeans shattering	63	26	10	1



Field Work and Crop Progress as of October 3, 2004													
Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn mature (safe from frost)	74	74	83	90	89	87	95	95	95	85	59	95	96
Corn harvested (grain or seed)	1	2	10	7	9	13	11	14	24	8	5	15	19
Soybeans dropping leaves	91	98	92	98	98	97	93	97	95	96	84	95	91
Soybeans harvested	40	59	50	48	68	40	47	31	43	49	16	46	35

Days Suitable & Soil Moisture Condition as of October 3, 2004												
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	4.5	5.2	6.1	5.7	5.5	5.5	6.1	5.9	6.5	5.6	5.3	6.4
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	0	2	22	10	1	16	17	6	4	8	7	35
Very short	9	5	17	29	26	35	32	31	38	24	24	38
Short	56	78	61	59	71	49	51	61	57	61	59	27
Adequate	35	15	0	2	2	0	0	2	1	7	10	0
Surplus												
Subsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	0	6	13	13	1	15	9	7	7	8	7	49
Very short	5	31	27	40	22	30	23	12	29	24	22	37
Short	66	49	58	45	72	55	67	79	56	60	63	13
Adequate	29	14	2	2	5	0	1	2	8	8	8	0
Surplus												

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, October 3, 2004										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	79	29	56	2	0.51	-0.10	31.03	10.11	52	14
	79	26	57	0	0.37	-0.21	23.62	3.24	57	3
	81	28	58	3	0.26	-0.35	29.96	8.20	64	21
	78	30	56	2	0.49	-0.10	28.53	7.82	49	-21
Britt Humboldt Mason City Northwood	North Central District									
	77	29	54	-4	0.38	-0.29	26.97	4.21	43	-14
	77	30	54	-3	0.31	-0.36	22.15	-1.18	42	-5
	79	28	54	-2	0.40	-0.33	36.06	11.95	38	-7
	77	30	54	-2	0.13	-0.59	38.43	14.87	34	-9
Decorah Dubuque Elkader Independence Waterloo	North East District									
	76	28	55	-3	0.57	-0.14	35.41	11.71	40	-13
	76	33	55	-3	0.70	-0.13	17.87	-7.96	42	-8
	79	30	53	-4	0.60	-0.08	26.51	3.13	31	-39
	80	30	53	-4	1.05	0.32	28.24	3.23	34	-31
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	79	25	54	-6	0.16	-0.63	26.96	3.20	38	-25
	81	29	56	-1	0.40	-0.30	19.19	-5.34	49	-3
	79	29	56	-3	0.05	-0.67	17.19	-4.88	54	0
	81	25	56	-2	0.34	-0.40	26.11	1.80	47	-9
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	82	27	56	-1	0.66	-0.03	27.88	2.56	49	-4
	80	28	56	-2	0.42	-0.31	23.79	-1.00	52	-7
	81	31	59	-1	0.08	-0.62	24.61	1.32	64	-6
	82	29	55	-2	0.30	-0.39	25.23	0.72	44	-11
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	83	28	57	0	0.54	-0.16	23.18	-1.73	50	-2
	81	31	55	-4	0.49	-0.30	25.13	1.09	46	-17
	81	28	56	-2	0.30	-0.38	24.04	0.53	48	-6
	81	29	53	-4	0.31	-0.37	19.86	-5.26	34	-18
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	79	30	55	-3	1.05	0.34	22.96	-0.80	44	-16
	80	30	55	-5	0.40	-0.28	22.28	-0.78	43	-27
	82	33	57	-5	1.18	0.40	25.36	-0.46	52	-25
	82	28	52	-6	0.89	0.10	25.29	-0.96	25	-34
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	77	30	52	-6	0.97	0.22	22.70	-1.40	24	-28
	81	33	56	-5	0.37	-0.41	22.88	-1.43	46	-6
	South East District									
	83	26	56	-3	0.11	-0.73	24.89	-1.91	52	-11
Bloomfield Burlington Ottumwa	South Central District									
	84	26	58	-2	0.06	-0.69	20.71	-3.56	65	-7
	83	29	57	-2	0.14	-0.67	25.41	1.49	55	-1
	86	28	58	-3	0.16	-0.63	20.87	-5.56	63	-9
	84	31	59	-2	0.24	-0.57	22.62	-2.41	68	-4
Bloomfield Burlington Ottumwa	South Central District									
	77	31	55	-5	1.04	0.12	30.90	5.34	46	9
	78	29	57	-2	0.48	-0.37	28.53	3.89	59	-4
	80	28	55	-4	0.26	-0.69	25.13	-1.13	39	-25
	80	28	55	-4	0.43	-0.36	25.60	1.38	46	-17
Bloomfield Burlington Ottumwa	South Central District									
	79	29	54	-6	0.34	-0.50	30.30	4.82	37	-28
	South East District									
	78	33	56	-6	1.00	0.10	30.42	4.53	50	-26
	78	33	57	-4	0.33	-0.50	19.06	-4.86	53	-19
	79	30	56	-5	1.05	0.24	23.76	-0.21	49	-23

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2004: AWIS, Inc. All Rights Reserved.